



LAHIVE
&
COCKFIELD
L L P

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
www.lahive.com

JOHN A. LAHIVE, JR. (1928-1997)
THOMAS V. SMURZYNSKI
GIULIO A. DeCONTI, JR.
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURETANO
KEVIN J. CANNING
JANE E. REMILLARD
DeANN FORAN SMITH
DEBRA J. MILASINCIC, Ph.D.
WILLIAM A. SCOFIELD, JR.
SIBLEY P. REPERT
DAVID R. BURNS
JOHN S. CURRAN
SEAN D. DETWEILER
MEGAN E. WILLIAMS, Ph.D.
LISA DIROCCO TYNER
HATHAWAY P. RUSSELL *
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.

MERIDETH C. ARNOLD
DANIELLE L. HERRITT
EUIHOON LEE **
MANEESH GULATI
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
MICHAEL J. BASTIAN, Ph.D.
CHRISTOPHER J. McKENNA
VINCENT P. LOCCISANO
JAMES M. MCKENZIE

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
JEANNE M. DIGIORGIO
CYNTHIA L. KANIK, Ph.D.
JOHN D. LANZA

PATENT AGENTS
JONATHAN M. SPARKS, Ph.D.
ANDRINA WILLIAMS ZINK
CRISTIN E. HOWLEY, Ph.D.
JILL ANN MELLO, Ph.D.
CHRISTOPHER E. DRABIK

TECHNICAL SPECIALISTS
CATHERINE M. BISHOP
JACOB G. WEINTRAUB
DEBORAH L. NAGLE, Ph.D.
ANNE JACQUELINE WIZEMAN, Ph.D.
BRIAN C. TRINQUE, Ph.D.
CHRISTOPHER R. COWLES, Ph.D.
JAMES H. VELEMA
W. ELANA WANG
CYNTHIA M. GILBERT

* Admitted in TX only
** Admitted in CT only

November 11, 2004

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/607,287
For: *MICROFLUIDIC SYSTEM INCLUDING A VIRTUAL WALL FLUID
INTERFACE PORT FOR INTERFACING FLUIDS WITH THE
MICROFLUIDIC SYSTEM*
Inventors: Gilbert, John R., *et al.*
Filed: June 25, 2003
Our Ref. No.: TGZ-001ACP2

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form SB/08; and
3. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

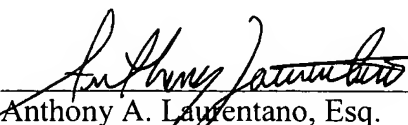
I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to:
MS Amendment, Commissioner for Patents, P.O. Box 1450,
Alexandria, Virginia 22313-1450 on:

November 11, 2004

Date

Anthony A. Laurentano, Esq. Registration No. 38,220

Respectfully submitted,
LAHIVE & COCKFIELD, LLP


Anthony A. Laurentano, Esq.
Registration No. 38,220
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Gilbert, John R., *et al.*

Serial No. 10/607,287

Filed: June 25, 2003

For: *MICROFLUIDIC SYSTEM INCLUDING A
VIRTUAL WALL FLUID INTERFACE PORT FOR
INTERFACING FLUIDS WITH THE
MICROFLUIDIC SYSTEM*

Attorney Docket No.: TGZ-001ACP2

Group Art Unit: 1743

Examiner: Not Yet Assigned

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

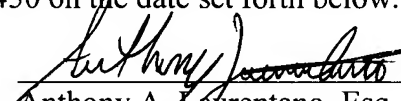
Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date set forth below.

November 11, 2004

Date of Signature and of Mail Deposit

By:


Anthony A. Laurentano, Esq.
Registration No. 38,220
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

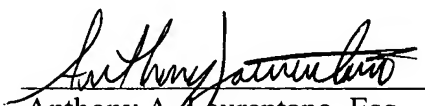
For the Examiner's convenience in reviewing this continuation application, Applicants submit a consolidated PTO Form SB/08, listing all references cited during the prosecution of the parent application. The present application is a Continuation-in-Part of U.S. Serial No. 10/028,852, filed December 21, 2001 (Atty. Docket No. TGZ-001A). All references listed on the enclosed PTO Form SB/08 have been previously cited by or submitted

to the Office in the prior application, and, in accordance with 37 CFR §1.98(d), copies of the references are not enclosed but will be provided upon request.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP


Anthony A. Laurentano, Esq.
Registration No. 38,220
Attorney for Applicants

28 State Street
Boston, MA 02109
(617) 227-7400

Date: November 11, 2004

EAH/AAL/CMB/les
Enclosures



PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/607,287
				Filing Date	June 25, 2003
				First Named Inventor	Gilbert, John R.
				Art Unit	1743
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	TGZ-001ACP2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	5,429,734	07-04-1995	Gajar, et al.	
	A2	5,529,465	06-25-1996	Zengerle, et al.	
	A3	5,730,187	03-24-1998	Howitz, et al.	
	A4	5,757,482	05-26-1998	Fuchs, et al.	
	A5	5,779,868	07-14-1998	Parce, et al.	
	A6	5,800,690	09-01-1998	Chow, et al.	
	A7	5,842,787	12-01-1998	Kopf-Sill, et al.	
	A8	5,858,195	01-12-1999	Ramsey	
	A9	5,858,804	01-12-1999	Zanzucchi, et al.	
	A10	5,880,071	03-09-1999	Parce, et al.	
	A11	5,922,591	07-13-1999	Anderson, et al.	
	A12	5,957,579	09-28-1999	Kopf-Sill, et al.	
	A13	5,958,202	09-28-1999	Reginier, et al.	
	A14	5,971,158	10-26-1999	Yager, et al.	
	A15	6,001,231	12-14-1999	Kopf-Sill	
	A16	6,001,229	12-14-1999	Ramsey	
	A17	6,010,607	01-04-2000	Ramsey	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A18	WO 96/04547 A1	02-15-1996	Lockheed Martin Energy Sys.		
	A19	WO 01/59440 A3	08-16-2001	Aclara Biosciences Inc.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A20	Haswell, S.J., "Development and Operating Characteristics of Micro Flow Injection Analysis Systems Based on Electroosmotic Flow," Analyst. 1997 Jan; 122:1R-10R.	
	A21	Onnerfjord P, Nilsson J, Wallman L, Laurell T, Marko-Varga G. Picoliter sample preparation in MALDI-TOF MS using a micromachined silicon flow-through dispenser. Anal Chem. 1998 Nov 15;70(22):4755-60.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/607,287
				Filing Date	June 25, 2003
				First Named Inventor	Gilbert, John R.
				Art Unit	1743
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	TGZ-001ACP2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	B1	6,010,608	01-04-2000	Ramsey	
	B2	6,033,546	03-07-2000	Ramsey	
	B3	6,042,709	03-28-2000	Parce, et al.	
	B4	6,062,261	05-16-2000	Jacobson, et al.	
	B5	6,068,751	05-30-2000	Neukermans	
	B6	6,080,295	06-27-2000	Parce, et al.	
	B7	6,090,251	07-18-2000	Sundberg, et al.	
	B8	6,106,685	08-22-2000	McBride, et al.	
	B9	6,110,343	08-29-2000	Ramsey, et al.	
	B10	6,120,666	09-19-2000	Jacobson, et al.	
	B11	6,143,152	11-07-2000	Simpson, et al.	
	B12	6,130,098	10-10-2000	Handique, et al.	
	B13	6,150,119	11-21-2000	Kopf-Sill, et al.	
	B14	6,167,910 B1	01-02-2001	Chow	
	B15	6,186,660 B1	02-13-2001	Kopf-Sill, et al.	
	B16	6,192,768 B1	02-27-2001	Wallman, et al.	
	B17	6,193,471 B1	02-27-2001	Paul	
	B18	6,197,595 B1	03-06-2001	Anderson, et al.	
	B19	6,213,151 B1	04-10-2001	Jacobson, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/607,287
				Filing Date	June 25, 2003
				First Named Inventor	Gilbert, John R.
				Art Unit	1743
				Examiner Name	Not Yet Assigned
Sheet	3	of	3	Attorney Docket Number	TGZ-001ACP2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	C1	6,221,677 B1	04-24-2001	Wu, et al.	
	C2	6,221,226 B1	04-24-2001	Kopf-Sill	
	C3	6,231,737 B1	05-15-2001	Ramsey, et al.	
	C4	6,251,343 B1	06-26-2001	Dubrow, et al.	
	C5	6,271,038 B1	08-07-2001	Liu, et al.	
	C6	6,274,089 B1	08-14-2001	Chow, et al.	
	C7	6,284,113 B1	09-04-2001	Bjornson, et al.	
	C8	6,290,909 B1	09-18-2001	Paul, et al.	
	C9	6,416,642 B1	07-09-2002	Alajoki, et al.	
	C10	6,296,020 B1	10-02-2001	McNeely, et al.	
	C11	20010051334 A1	12-13-2001	Barth, et al.	
	C12	6,342,142 B1	01-29-2002	Ramsey	
	C13	6,376,181 B2	04-23-2002	Ramsey, et al.	
	C14	6,399,396 B1	06-04-2002	Bass	
	C15	6,409,900 B1	06-25-2002	Parce, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--